

IN THE CLAIMS:

Please find below a listing of all of the pending claims. The statuses of the claims are set forth in parentheses.

1-10. (Canceled).

11. (Currently amended) The method according to claim [[10]]14, further comprising:

determining whether the measured temperatures of said heat generating components are each below or equal to a predetermined minimum set point temperature;

~~decreasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that fall below or equal said predetermined minimum set point temperature; and~~

~~increasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that exceed said predetermined minimum set point temperature.~~

12. (Currently amended) The method according to claim [[11]]21, further comprising:

decreasing the speed of said at least one blower in response to said decreasing cooling fluid supply to said heat generating components exceeding said increasing cooling fluid supply to said heat generating components.

13. (Currently amended) The method according to claim [[11]]22, further comprising:

increasing the speed of said at least one blower in response to said decreasing cooling fluid supply to said heat generating components falling below said increasing cooling fluid supply to said heat generating components.

14. (Currently amended) ~~The method according to claim 10, further comprising:~~ A method of cooling a plurality of heat generating components of an electronic system having an enclosure and a plenum located within said enclosure, said method comprising:

activating at least one variable speed blower and a plurality of valves, each of said valves terminating substantially close to a respective heat generating component, to thereby supply cooling fluid to said heat generating components;

sensing the temperatures of each of said heat generating components;

determining whether said sensed temperatures are within a predetermined temperature range;

varying said supply of said cooling fluid to said heat generating components in response to said sensed temperatures falling outside of said predetermined temperature range

sensing a pressure of a supply of said cooling fluid;

determining whether said sensed pressure is within a predetermined pressure range;

and

varying said speed of said at least one blower in response to said sensed pressure falling outside of said predetermined pressure range.

15. (Original) The method according to claim 14, wherein said step of varying said blower speed comprises determining whether said measured pressure falls below or equals a predetermined minimum set point pressure range.

16. (Original) The method according to claim 15, further comprising:
increasing the speed of said at least one blower in response to said measured pressure falling below or equaling said predetermined minimum set point pressure.

17. (Original) The method according to claim 15, further comprising:
decreasing the speed of said at least one blower in response to said measured pressure exceeding said predetermined minimum set point pressure.

18-20. (Canceled).

21. (New) The method according to claim 11, further comprising:
decreasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that fall below or equal said predetermined minimum set point temperature.

22. (New) The method according to claim 11, further comprising:
increasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that exceed said predetermined minimum set point temperature.

23. (New) The method according to claim 14, further comprising:
supplying the plenum with cooling fluid with the at least one variable speed blower prior to supplying the cooling fluid to said heat generating components; and
substantially maintaining a portion of the cooling fluid at a substantially uniform pressure.

24. (New) The method according to claim 14, wherein the step of sensing the temperatures of each of said heat generating components comprises detecting the temperatures with one or more temperature sensors.

25. (New) The method according to claim 14, wherein the step of sensing the temperatures of each of said heat generating components comprises anticipating the temperatures of each of said heat generating components based upon an impending load on each of the heat generating components.

26. (New) A computer readable storage medium on which is embedded one or more computer programs, said one or more computer programs implementing a method for cooling a plurality of heat generating components of an electronic system having an enclosure and a plenum located within said enclosure, said one or more computer programs comprising a set of instructions for:

activating at least one variable speed blower and a plurality of valves, each of said valves terminating substantially close to a respective heat generating component, to thereby supply cooling fluid to said heat generating components;

sensing the temperatures of each of said heat generating components;

determining whether said sensed temperatures are within a predetermined temperature range;

varying said supply of said cooling fluid to said heat generating components in response to said sensed temperatures falling outside of said predetermined temperature range

sensing a pressure of a supply of said cooling fluid;

determining whether said sensed pressure is within a predetermined pressure range;

and

varying said speed of said at least one blower in response to said sensed pressure falling outside of said predetermined pressure range.

27. (New) The computer readable storage medium according to claim 26, said one or more computer programs further comprising a set of instructions for:

determining whether the measured temperatures of said heat generating components are each below or equal to a predetermined minimum set point temperature.

28. (New) The computer readable storage medium according to claim 27, said one or more computer programs further comprising a set of instructions for:

decreasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that fall below or equal said predetermined minimum set point temperature

29. (New) The computer readable storage medium according to claim 27, said one or more computer programs further comprising a set of instructions for:

increasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that exceed said predetermined minimum set point temperature.

30. (New) The computer readable storage medium according to claim 26, said one or more computer programs further comprising a set of instructions for:

supplying the plenum with cooling fluid with the at least one variable speed blower prior to supplying the cooling fluid to said heat generating components; and

substantially maintaining a portion of the cooling fluid at a substantially uniform pressure.

31. (New) The computer readable storage medium according to claim 26, said one or more computer programs further comprising a set of instructions for:

anticipating the temperatures of each of said heat generating components based upon an impending load on each of the heat generating components.

32. (New) The computer readable storage medium according to claim 26, said one or more computer programs further comprising a set of instructions for:

determining whether said measured pressure falls below or equals a predetermined minimum set point pressure range

33. (New) The computer readable storage medium according to claim 32, said one or more computer programs further comprising a set of instructions for:

increasing the speed of said at least one blower in response to said measured pressure falling below or equaling said predetermined minimum set point pressure.

34. (New) The computer readable storage medium according to claim 32, said one or more computer programs further comprising a set of instructions for:

decreasing the speed of said at least one blower in response to said measured pressure exceeding said predetermined minimum set point pressure.